

# WIM Site Selection

# Introduction

- The purpose of this presentation is to discuss some of the criteria we use for selecting WIM site locations.
- My name is: Michael Ashbrook and I work for the NCDOT Statewide Planning Branch - Traffic Survey Unit. I am the Electronic Systems Manager for the Continuous Vehicle Weight Monitoring Program.

# Criteria for choosing a WIM site location.

- Pavement condition.
- Environmental factors.
- Traffic flow.
- Safety.
- Availability of telemetry.
- Calibration.

# Pavement condition.

- Physical condition of the pavement at the site location.
- Physical condition of the pavement in the segments surrounding the site.
- When will the site be rehabbed and are there any construction projects scheduled.



9. 27. 1999











# Environmental factors.

- Does the site flood regularly, or hold standing water during periods of wet weather.
- Will the segment of road be covered by, or be closed regularly due to snow and ice.
- Is the site in a thunderstorm prone area?

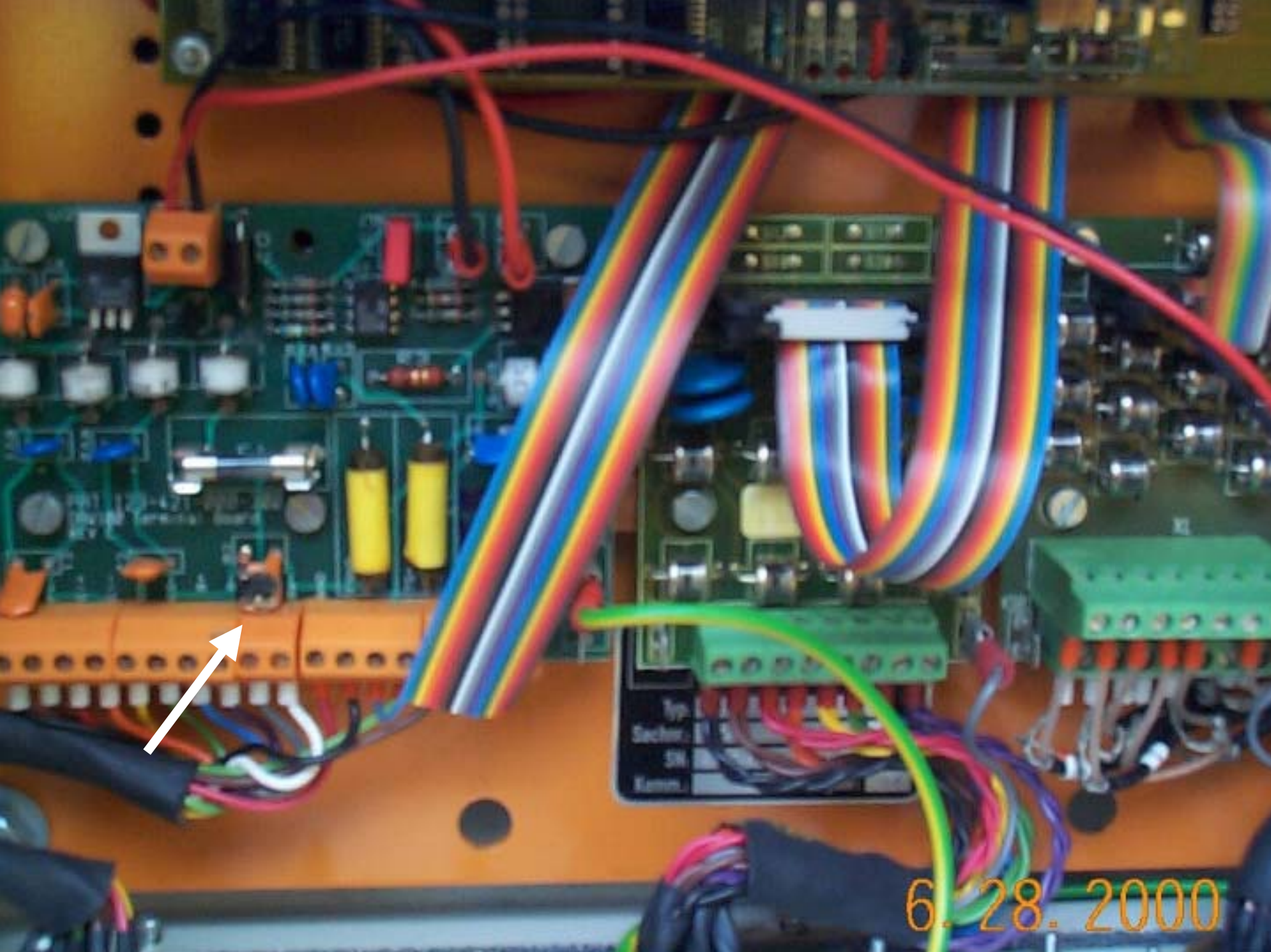














6.28.2000



# Traffic flow.

- Does traffic flow freely.
- Is traffic flow consistent in the lanes of travel.
- Is the site in a know enforcement area?



4. 5. 2000





7. 22. 1999

# Safety.

- Physical safety of NCDOT personnel.
- Physical safety of the equipment.
- Physical safety of the Public.





10.31.2000



4. 5. 2000











11. 3. 2000













BURIED CABLE  
PAVEMENT SENSORS  
CALL BEFORE YOU DIG  
W1001  
HEARTLAND TRANSPORT  
NCDOT







JCT  
28





# Availability of telemetry.

- Can a phone line be run to the site?
- How far will the drop be run?
- Who is the service provider?



BEFORE DIGGING OR TO REPORT ANY  
DAMAGE TO BURIED CABLE PAVEMENT  
SENSORS OR EQUIPMENT YOU MUST CALL  
THIS NUMBER 919-733-4796

W6001



TRAFFIC MONITORING SITE  
**NCDOT**  
TRAFFIC SURVEY UNIT

9.30.1999

# Calibration.

- Turn around time for the truck.
- Are NCDOT vehicles a hindrance?
- Is it a hostile environment?





7. 9. 1999



7. 9. 1999



# The end.

---

Thanks for your time and  
attention.